

Encoding

Writing

Co-ordinating Reviews

Editing

Interaction with PDG staff

Time

All efforts maintained through contacts at LBNL

Much of the encoding done by “volunteers” outside Berkeley

My Areas:

Neutrinos (astrophysics)

Supersymmetry (dark matter)

Axions (astrophysics)

Literature search:

Extensive scanning of literature coordinated by LBNL

Receive assignments roughly twice a year

Combine with my own search

Read and Evaluate for appropriateness for RPP

Encode for overseer to Piotr Zyla at LBNL

Review section for addition/deletion of papers and subsections

Much of the writing done by “volunteers” outside Berkeley

Reviews:

Big Bang Cosmology

Big Bang Nucleosynthesis

**Reviews are targeted towards high energy physics community
Choice and direction of reviews in consultation with LBNL staff**

Headers

**Some subsections have small blurbs with explanatory
material and references**

**Coordination of the astrophysics sections
in consultation with Michael Barnett and Don Groom (LBNL)**

Subject for Reviews:

**Big Bang Cosmology, Cosmological Parameters, CMB,
Big Bang Nucleosynthesis, Dark Matter**

Choosing authors

good writers, communication, location

Staying on top of authors

making sure deadlines are met

Choosing referees

Coherence of material between reviews and listings

Reviews

Read and edit all astrophysics reviews

Coordinated effort with Don Groom and Piotr Zyla at LBNL

Particle Listings

Tables

astrophysics tables in coordination with Don Groom

Pocket Version

short version of reviews

Contact with PDG staff at LBNL

Don Groom - many issues but mainly reviews

Piotr Zyla - technical issues

Michael Barnett - higher matters

Contact with others outside Berkeley

Ramon Miquel - neutrinos

Georg Weiglein - supersymmetry

Georg Raffelt - axions

Contact with reviewers

Encoding

At least one full week per year

Reviews

About one week per year - assuming only updating existing reviews